

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048958.D
 Acq On : 14 Jun 2021 20:55
 Operator : CG/JU
 Sample : M2678-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0201A-COMP-D(DISCRETE-CL-01A)

Manual Integrations
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Quant Time: Jun 15 01:13:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	40258	20.00	ng	0.00
21) Naphthalene-d8	10.943	136	161713	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	113787	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	241279	20.00	ng	# 0.00
76) Chrysene-d12	21.807	240	232522	20.00	ng	-0.01
86) Perylene-d12	25.144	264	246169	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	352596	136.34	ng	0.00
7) Phenol-d6	7.277	99	489411	126.26	ng	0.01
23) Nitrobenzene-d5	9.286	82	350044	93.34	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	212451	126.02	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	708372	87.94	ng	0.00
79) Terphenyl-d14	20.121	244	972712	76.61	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.553	178	61730	4.55	ng	96
75) Fluoranthene	19.562	202	205089	12.53	ng	97
78) Pyrene	19.921	202	190422	11.28	ng	99
81) Benzo(a)anthracene	21.783	228	160477	9.61	ng	96
83) Chrysene	21.848	228	124444m	7.77	ng	
87) Indeno(1,2,3-cd)pyrene	28.957	276	64312	3.47	ng	94
88) Benzo(b)fluoranthene	24.081	252	151690	8.64	ng	# 94
89) Benzo(k)fluoranthene	24.145	252	56601m	3.40	ng	
90) Benzo(a)pyrene	24.985	252	125261	7.82	ng	# 93
92) Benzo(g,h,i)perylene	30.144	276	55675	3.57	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

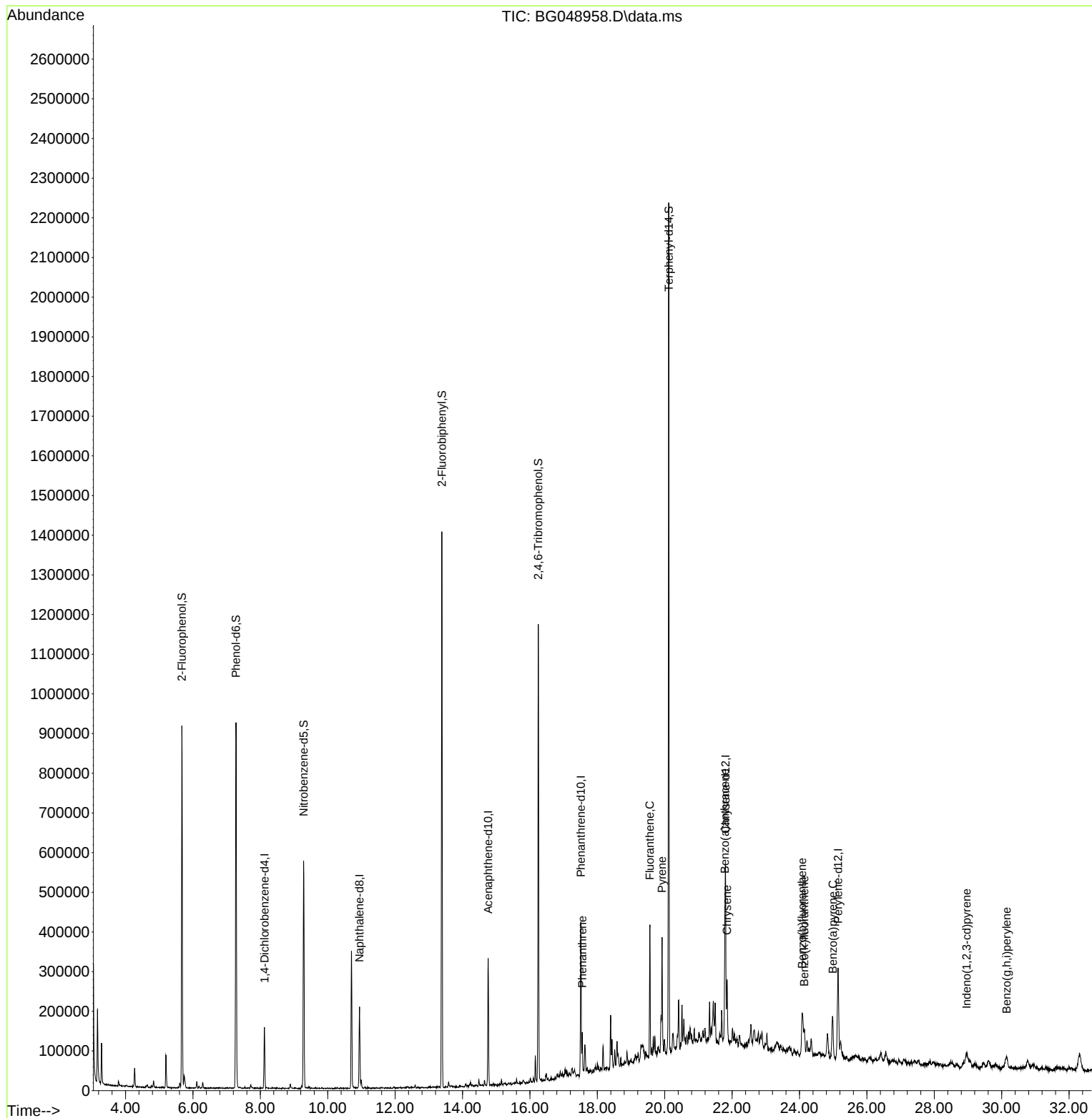
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Data File : BG048958.D
Acq On : 14 Jun 2021 20:55
Operator : CG/JU
Sample : M2678-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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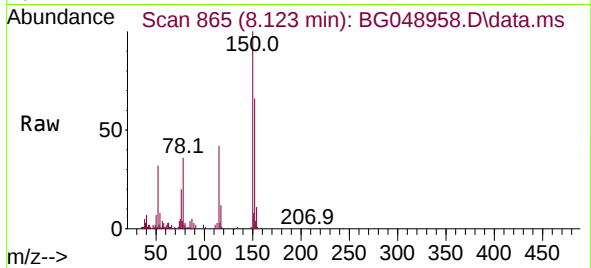
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Quant Time: Jun 15 01:13:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

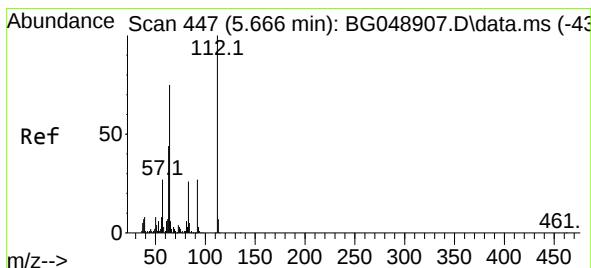
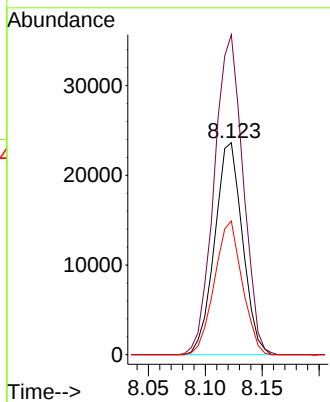
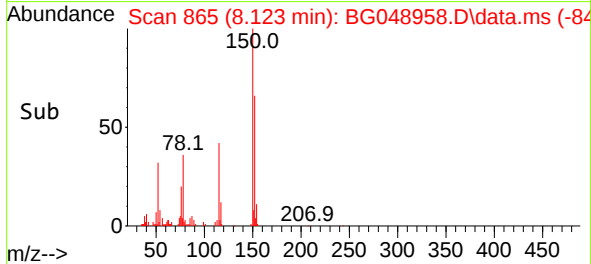




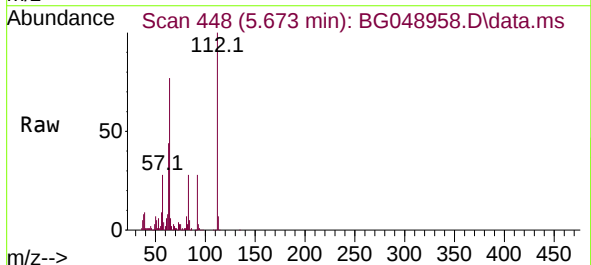
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55



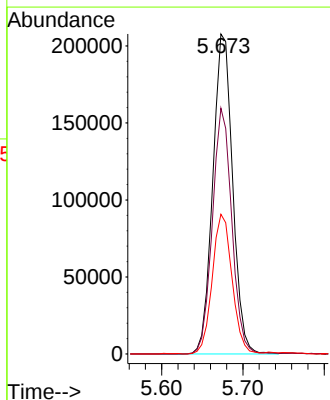
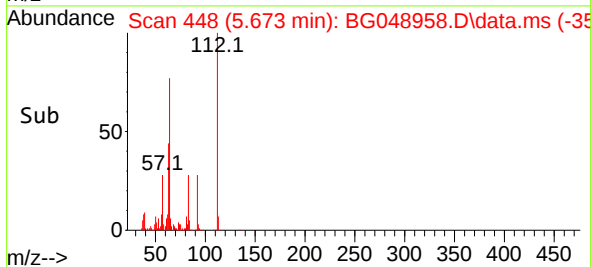
Tgt Ion:152 Resp: 40258
Ion Ratio Lower Upper
152 100
150 151.0 119.4 179.0
115 63.1 60.2 90.4



#5
2-Fluorophenol
Concen: 136.34 ng
RT: 5.673 min Scan# 448
Delta R.T. 0.007 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55



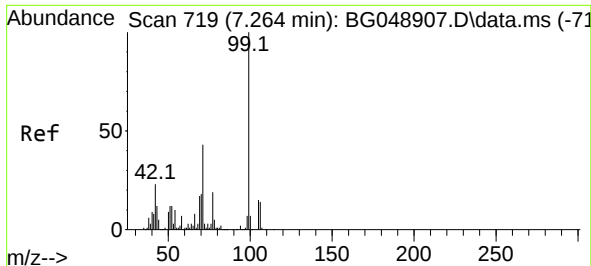
Tgt Ion:112 Resp: 352596
Ion Ratio Lower Upper
112 100
64 76.8 46.7 70.1#
63 43.6 35.3 52.9



Instrument :
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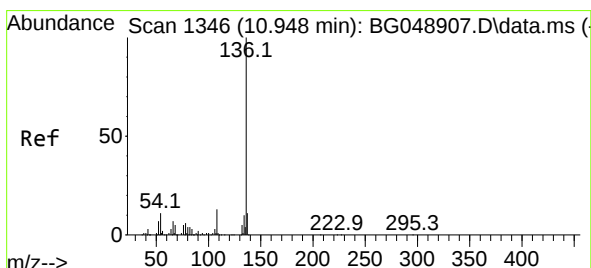
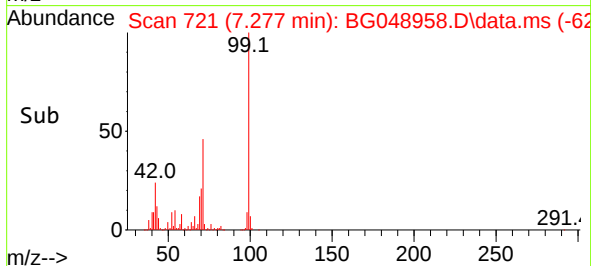
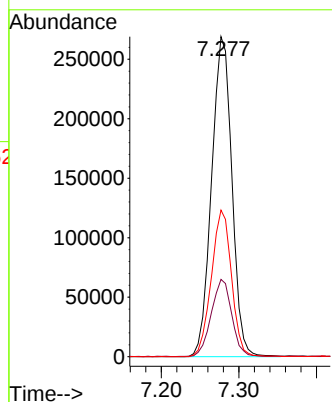
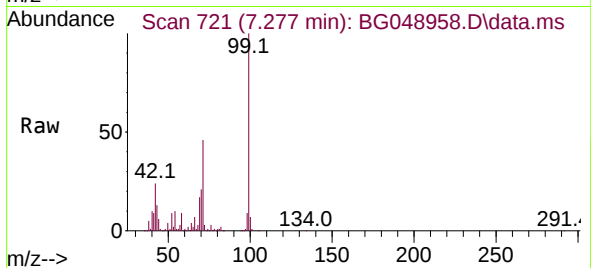
#7
Phenol-d6
Concen: 126.26 ng
RT: 7.277 min Scan# 721
Delta R.T. 0.013 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion:	99	Resp:	489411
Ion	Ratio	Lower	Upper
99	100		
42	24.2	20.5	30.7
71	45.8	41.5	62.3

Instrument :
BNA_G
ClientSampleId :
0201A-COMP-D(DISCRETE-CL-01A)

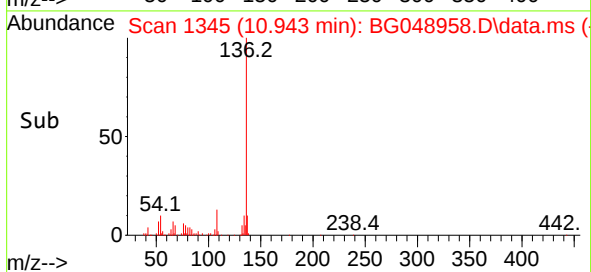
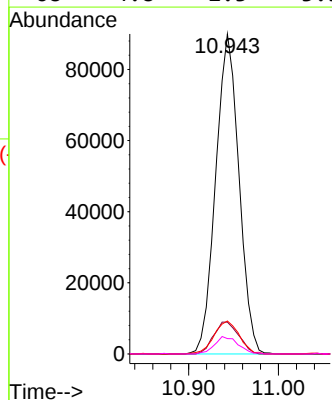
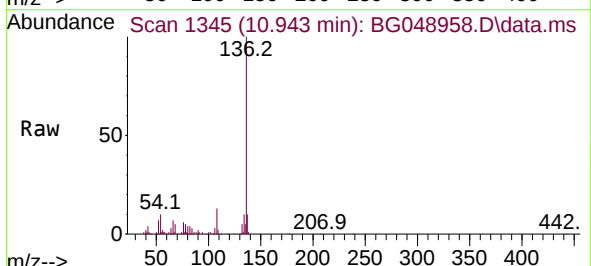
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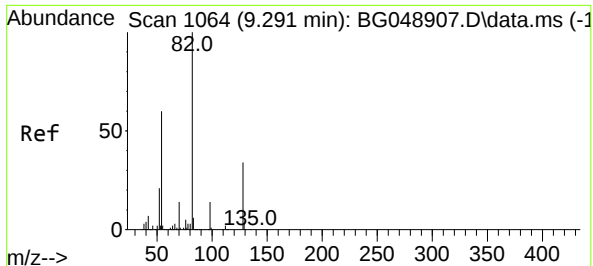
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion:	136	Resp:	161713
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.2	12.2
54	10.3	5.5	8.3#
68	4.8	2.3	3.5#





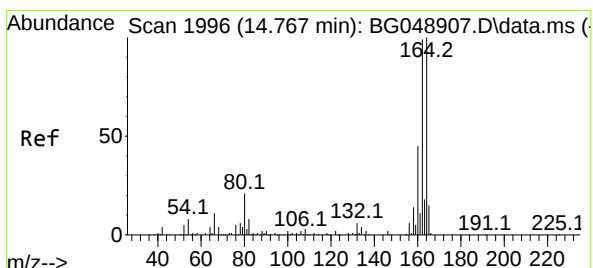
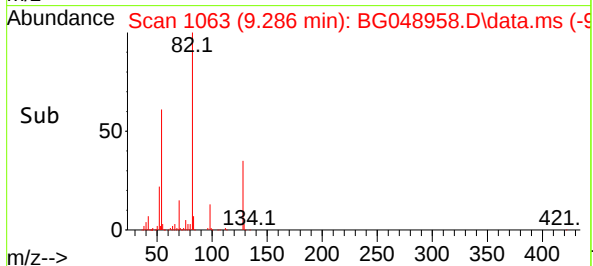
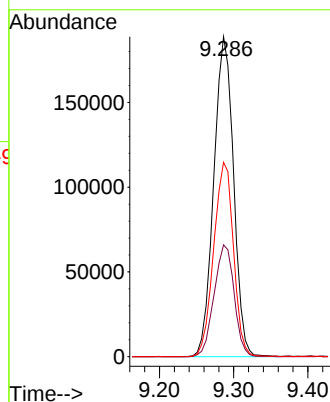
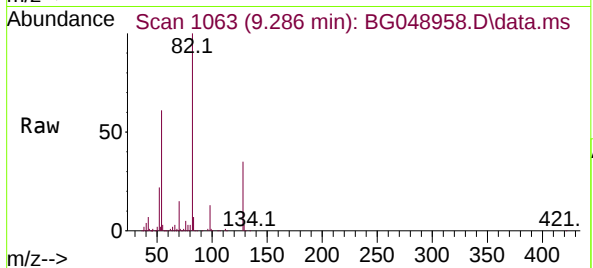
#23
Nitrobenzene-d5
Concen: 93.34 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion: 82 Resp: 350044
Ion Ratio Lower Upper
82 100
128 34.9 29.8 44.6
54 60.7 45.8 68.8

Instrument :
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ClientSampleId :
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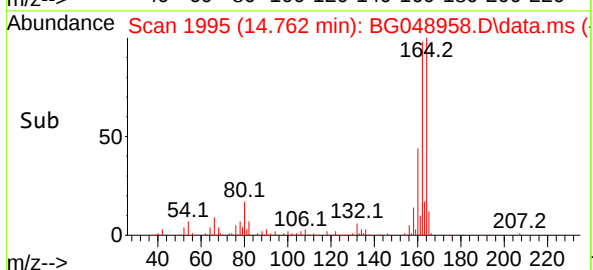
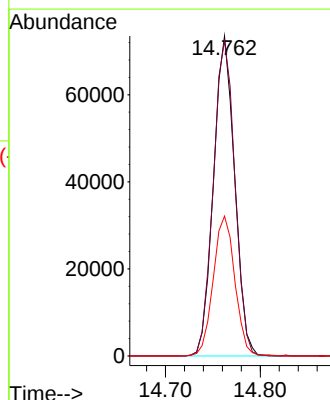
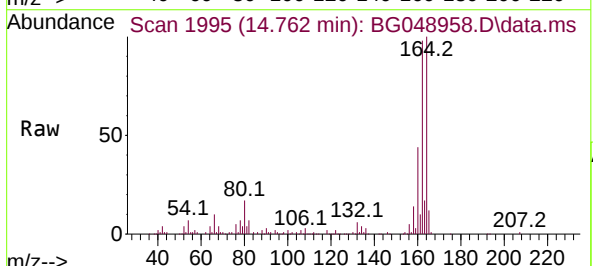
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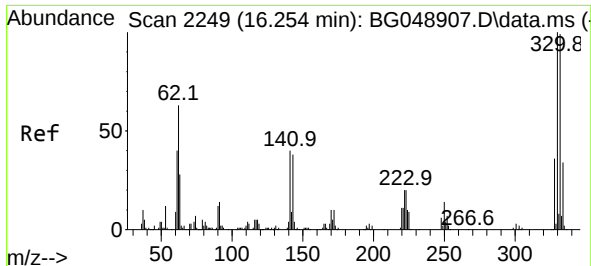
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

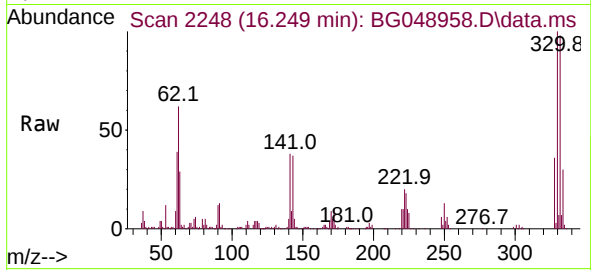
Tgt Ion: 164 Resp: 113787
Ion Ratio Lower Upper
164 100
162 98.5 81.4 122.0
160 43.7 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 126.02 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

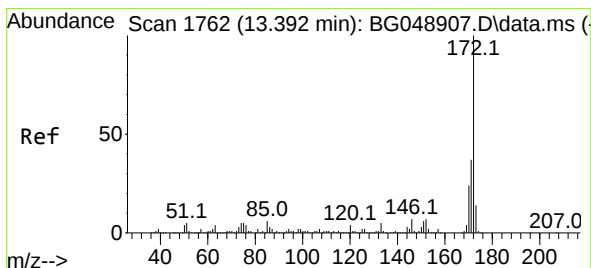
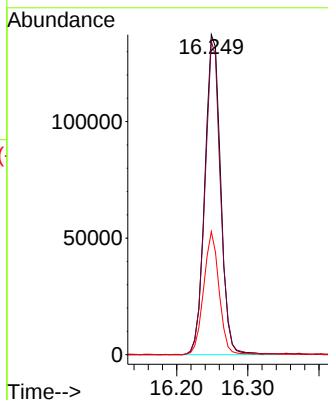
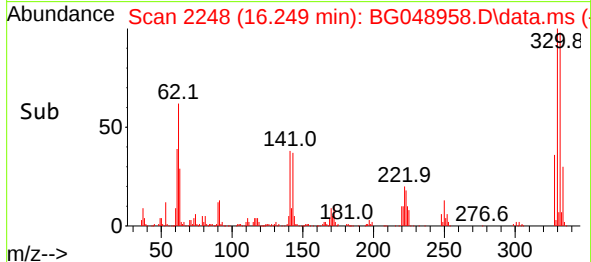
Instrument :
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ClientSampleId :
0201A-COMP-D(DISCRETE-CL-01A)



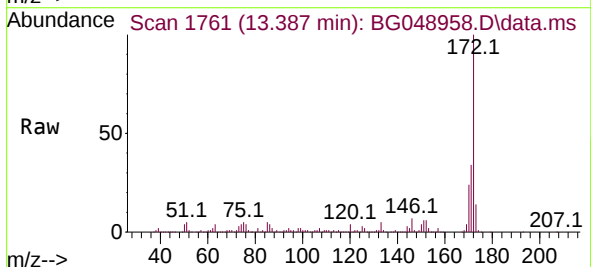
Tgt Ion:330 Resp: 212451
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 37.7 35.6 53.4

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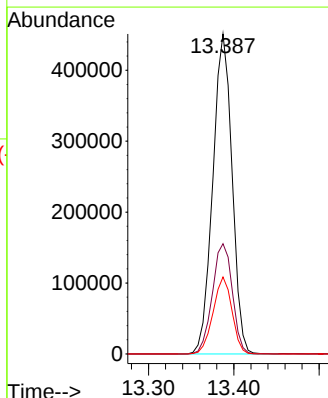
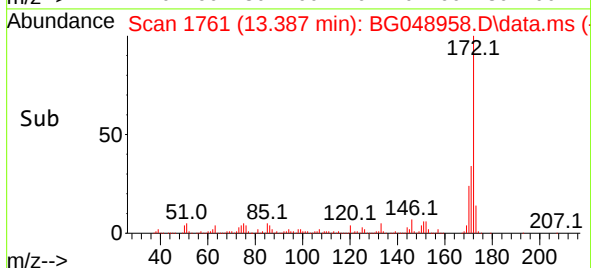
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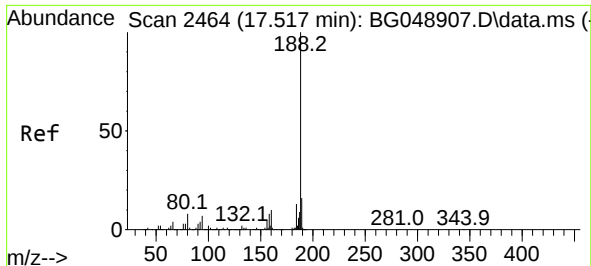


#45
2-Fluorobiphenyl
Concen: 87.94 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55



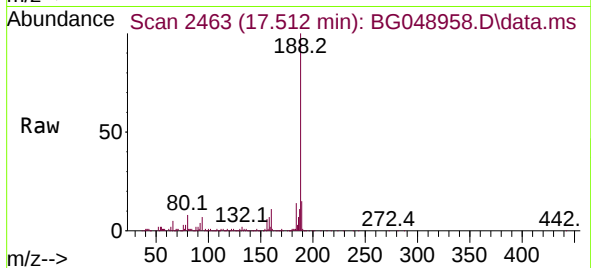
Tgt Ion:172 Resp: 708372
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 24.1 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

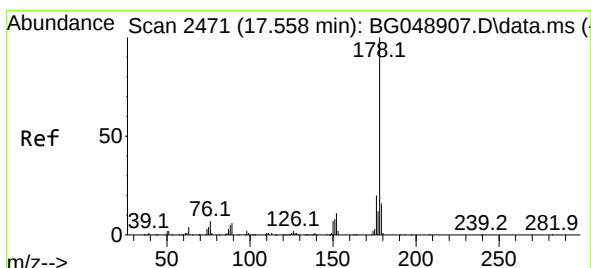
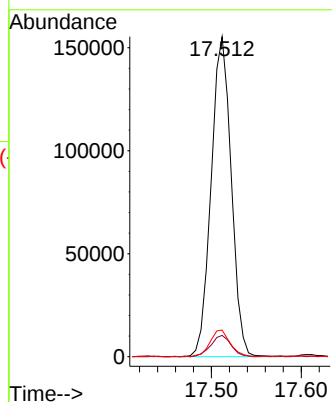
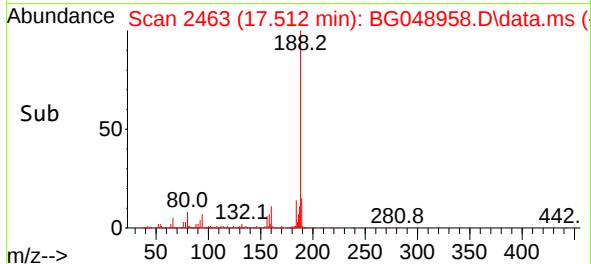
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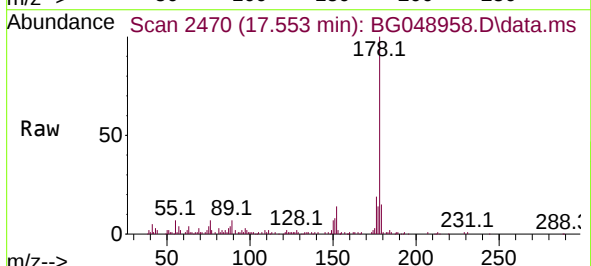
Tgt Ion:188 Resp: 241279
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 8.3 3.7 5.5#

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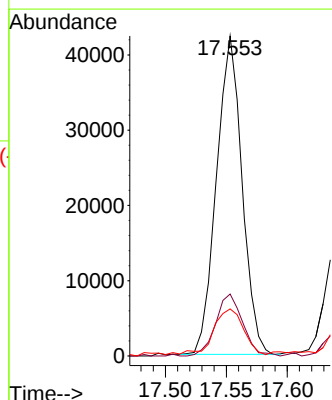
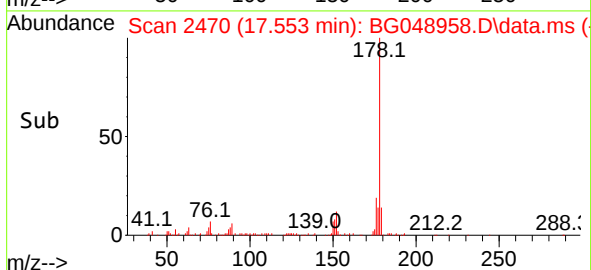
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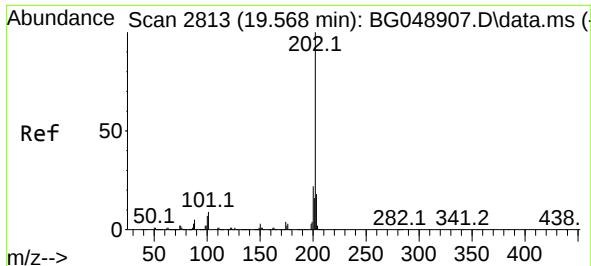


#71
Phenanthrene
Concen: 4.55 ng
RT: 17.553 min Scan# 2470
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

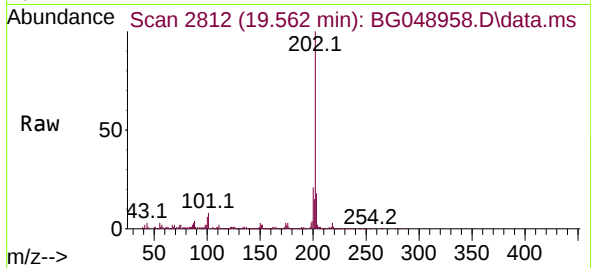


Tgt Ion:178 Resp: 61730
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 14.7 14.2 21.4

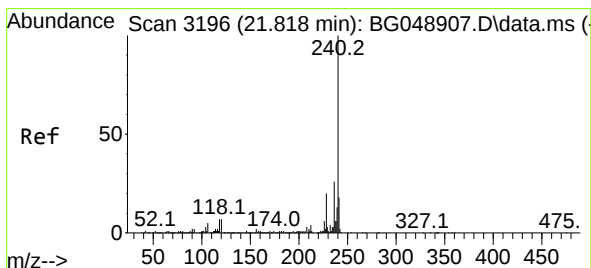
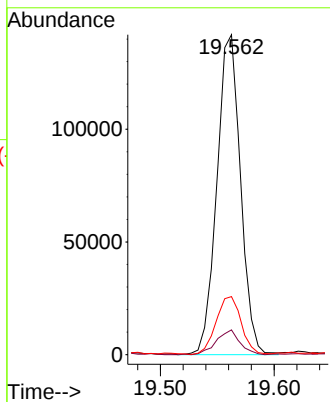
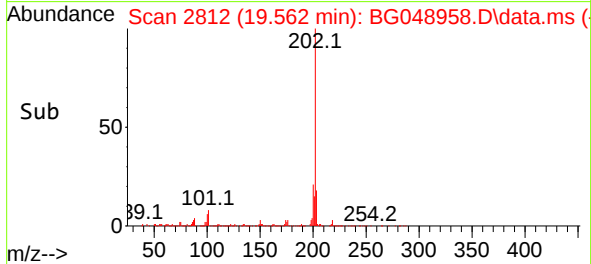




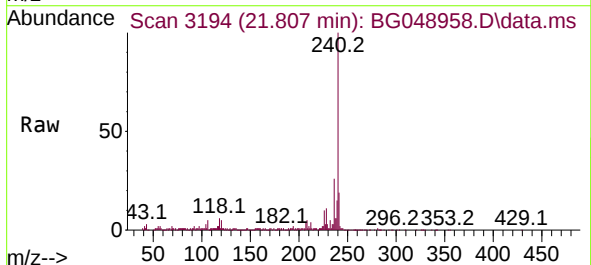
#75
Fluoranthene
Concen: 12.53 ng
RT: 19.562 min Scan# 2812
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55



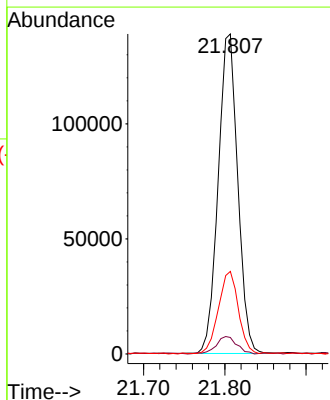
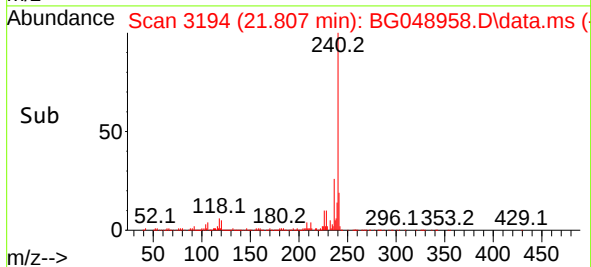
Tgt Ion:202 Resp: 205089
Ion Ratio Lower Upper
202 100
101 7.8 0.0 24.7
203 18.1 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.807 min Scan# 3194
Delta R.T. -0.011 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55



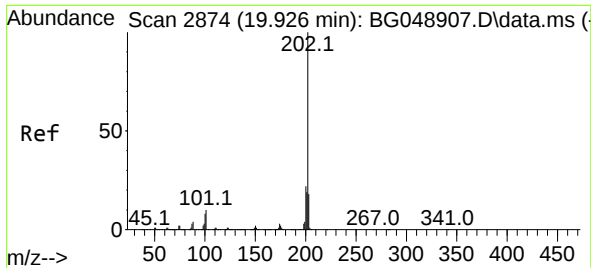
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Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 25.8 21.8 32.6



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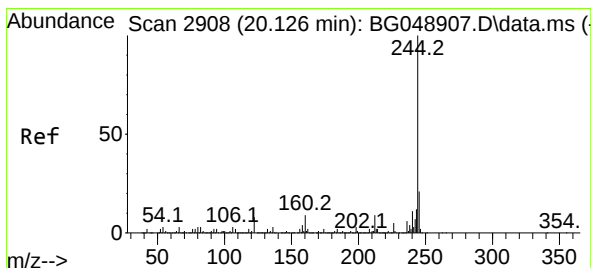
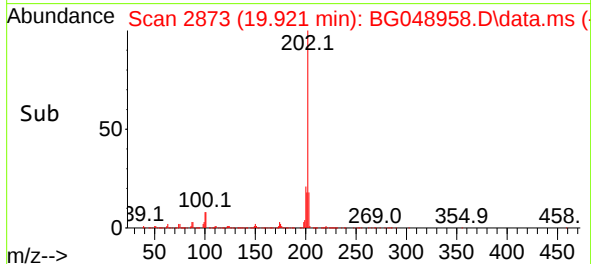
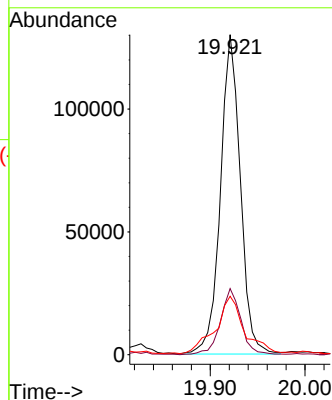
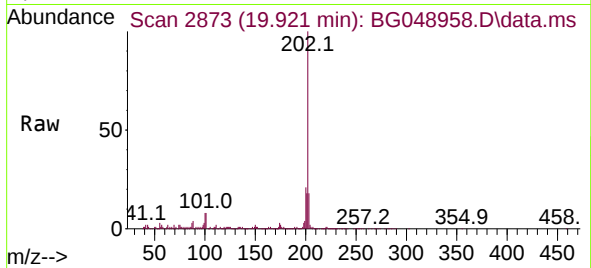
#78
Pyrene
Concen: 11.28 ng
RT: 19.921 min Scan# 2873
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.8	23.8
203	18.3	14.6	21.8

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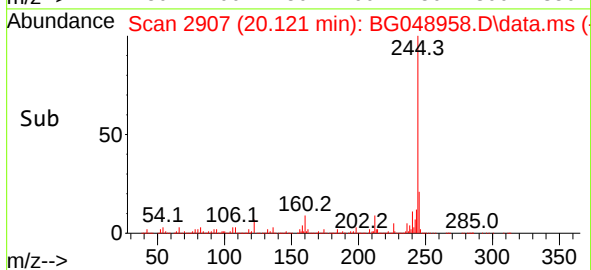
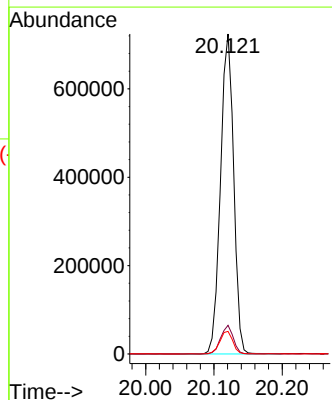
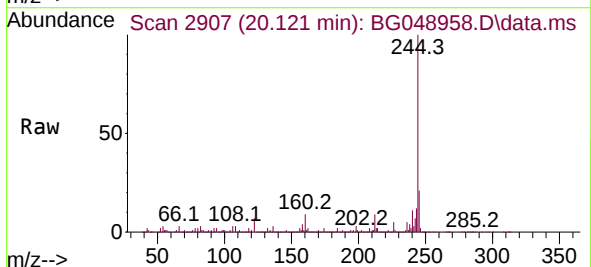
Manual Integrations
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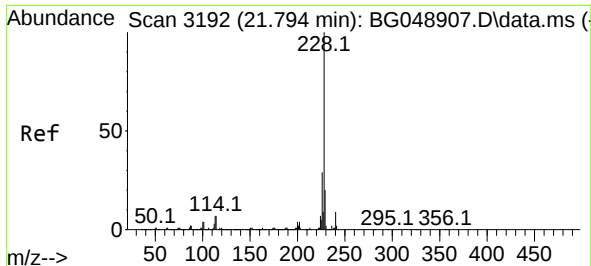
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#79
Terphenyl-d14
Concen: 76.61 ng
RT: 20.121 min Scan# 2907
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

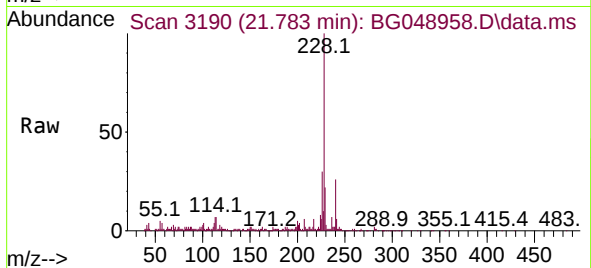
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	7.1	5.0	7.6





#81
Benzo(a)anthracene
Concen: 9.61 ng
RT: 21.783 min Scan# 3190
Delta R.T. -0.011 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

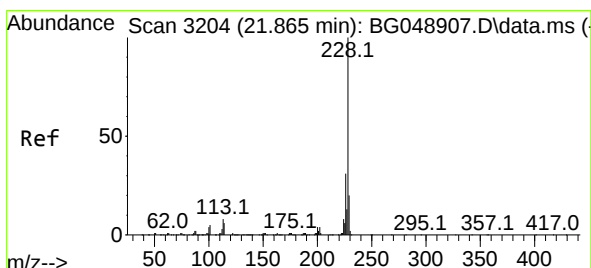
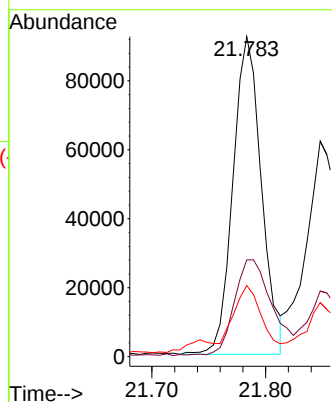
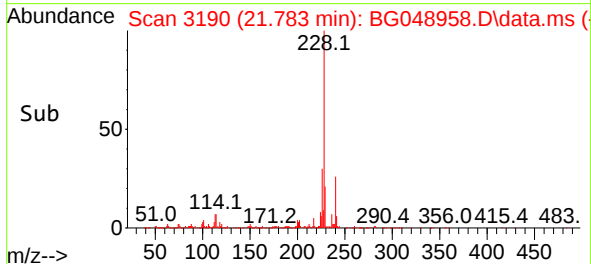
Instrument :
BNA_G
ClientSampleId :
0201A-COMP-D(DISCRETE-CL-01A)



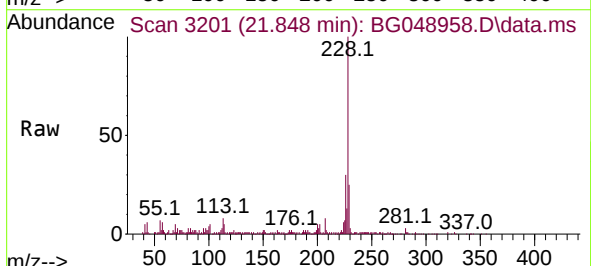
Tgt Ion:228 Resp: 160477
Ion Ratio Lower Upper
228 100
226 30.2 22.7 34.1
229 22.2 16.0 24.0

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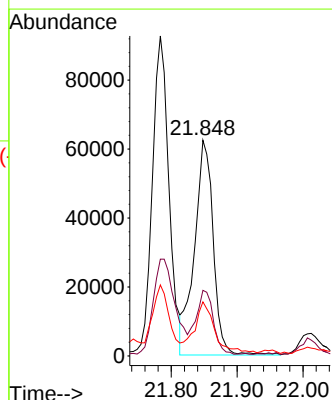
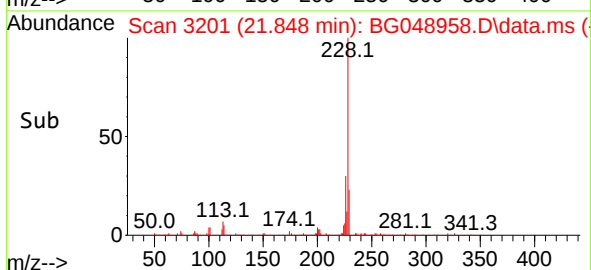
mohammad
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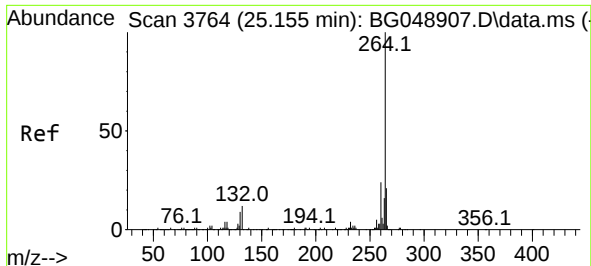


#83
Chrysene
Concen: 7.77 ng m
RT: 21.848 min Scan# 3201
Delta R.T. -0.017 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55



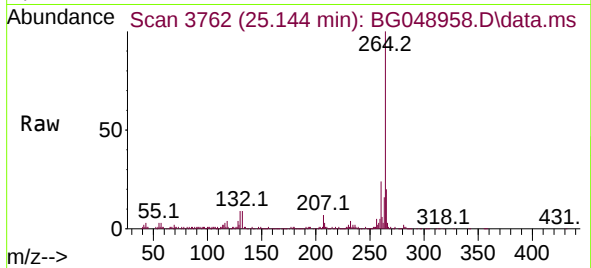
Tgt Ion:228 Resp: 124444
Ion Ratio Lower Upper
228 100
226 30.4 23.1 34.7
229 25.1 15.3 22.9#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.144 min Scan# 3762
 Delta R.T. -0.011 min
 Lab File: BG048958.D
 Acq: 14 Jun 2021 20:55

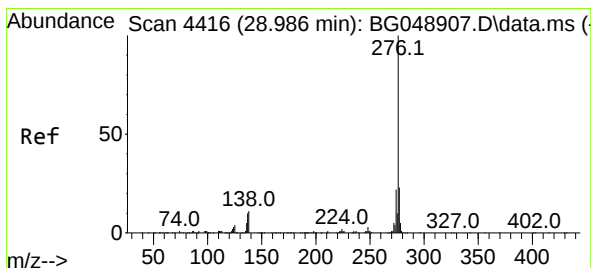
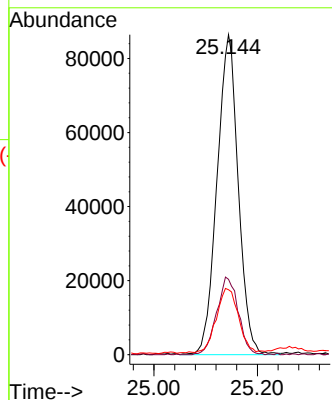
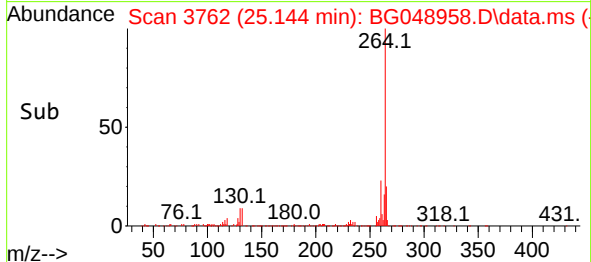
Instrument :
 BNA_G
 ClientSampleId :
 0201A-COMP-D(DISCRETE-CL-01A)



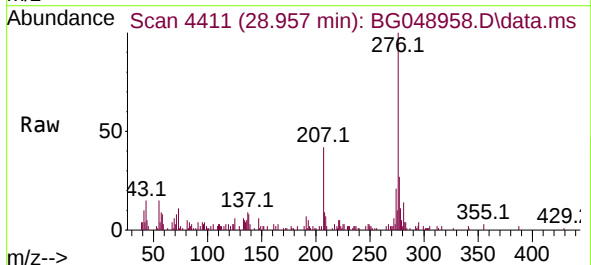
Tgt Ion:264 Resp: 246169
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 20.3 16.9 25.3

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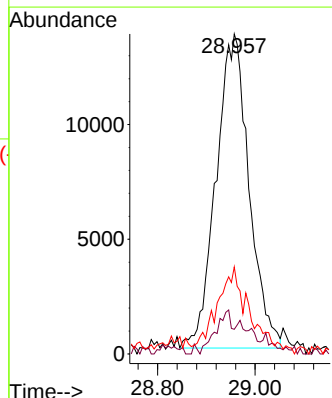
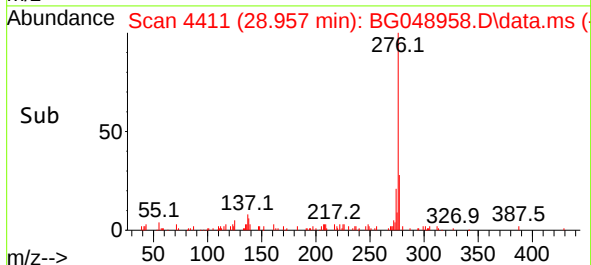
mohammad
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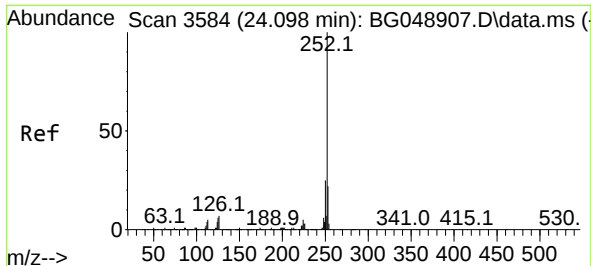


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.47 ng
 RT: 28.957 min Scan# 4411
 Delta R.T. -0.029 min
 Lab File: BG048958.D
 Acq: 14 Jun 2021 20:55



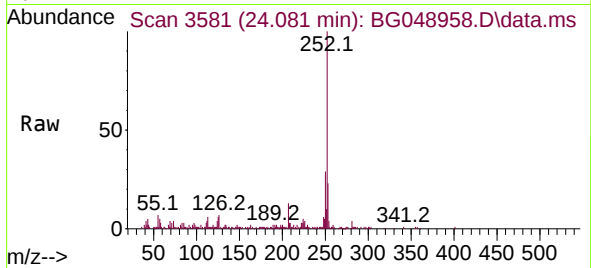
Tgt Ion:276 Resp: 64312
 Ion Ratio Lower Upper
 276 100
 138 7.1 5.1 7.7
 277 28.2 19.8 29.6





#88
Benzo(b)fluoranthene
Concen: 8.64 ng
RT: 24.081 min Scan# 3581
Delta R.T. -0.017 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

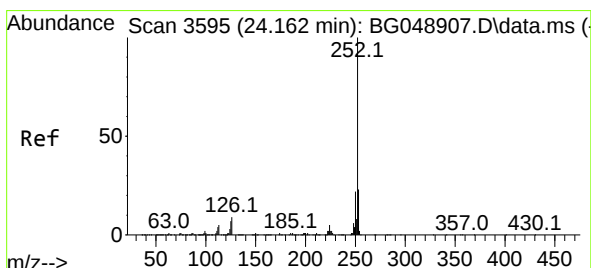
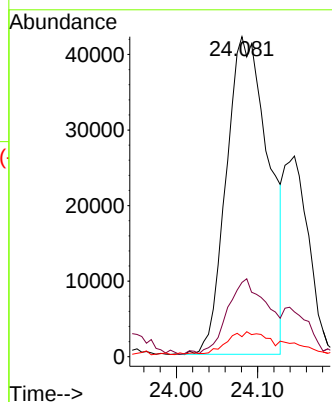
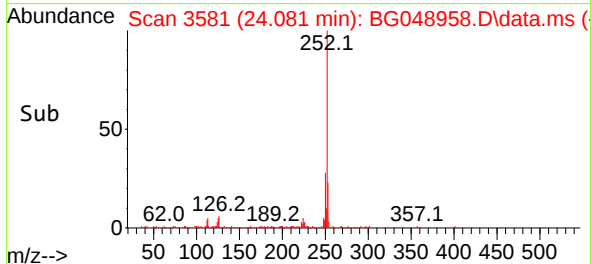
Instrument :
BNA_G
ClientSampleId :
0201A-COMP-D(DISCRETE-CL-01A)



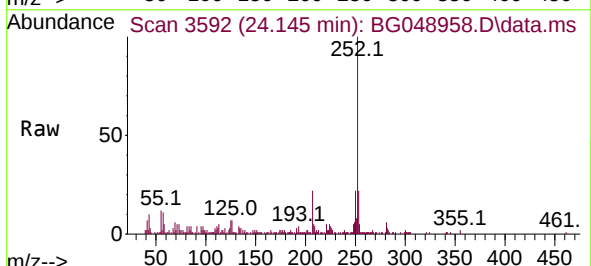
Tgt Ion:252 Resp: 151690
Ion Ratio Lower Upper
252 100
253 23.2 16.2 24.4
125 6.2 3.0 4.4#

Manual Integrations
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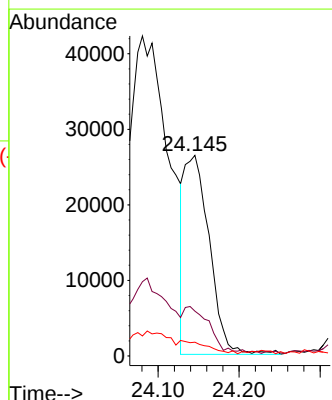
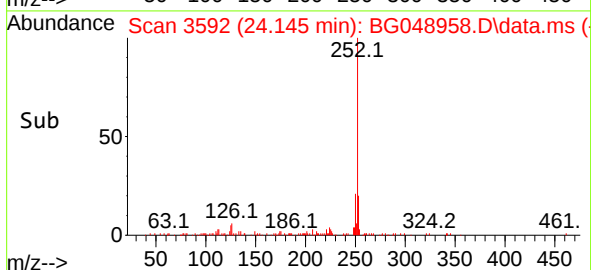
mohammad
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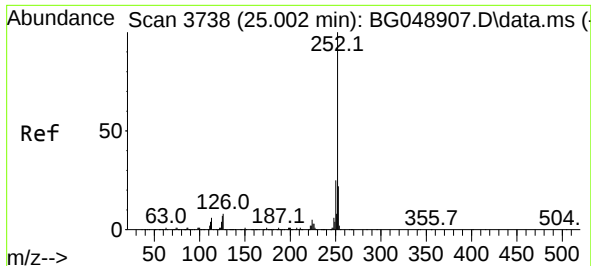


#89
Benzo(k)fluoranthene
Concen: 3.40 ng m
RT: 24.145 min Scan# 3592
Delta R.T. -0.017 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55



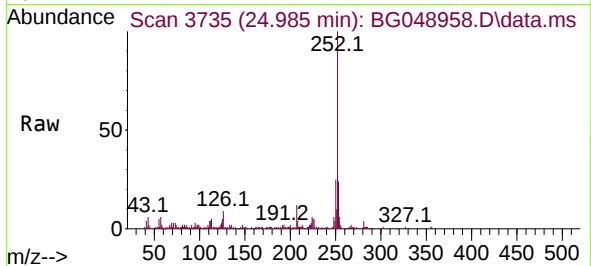
Tgt Ion:252 Resp: 56601
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 6.9 3.1 4.7#





#90
Benzo(a)pyrene
Concen: 7.82 ng
RT: 24.985 min Scan# 3735
Delta R.T. -0.017 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

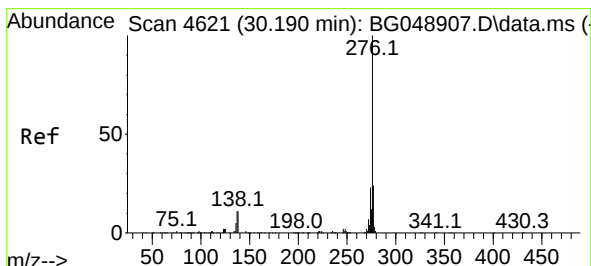
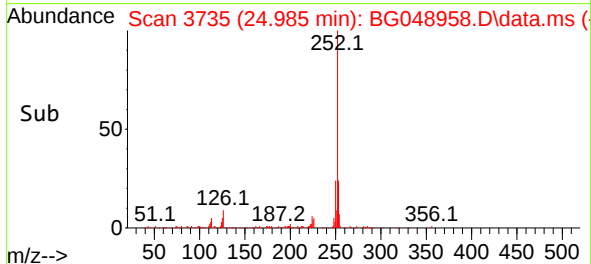
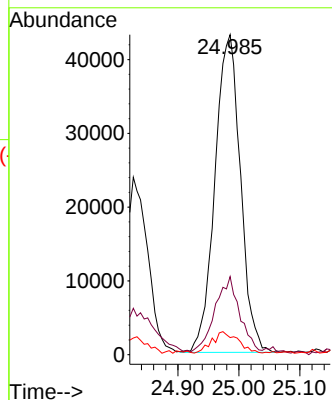
Instrument :
BNA_G
ClientSampleId :
0201A-COMP-D(DISCRETE-CL-01A)



Tgt Ion:252 Resp: 125261
Ion Ratio Lower Upper
252 100
253 24.4 16.6 25.0
125 5.3 3.5 5.3#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.57 ng
RT: 30.144 min Scan# 4613
Delta R.T. -0.046 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion:276 Resp: 55675
Ion Ratio Lower Upper
276 100
277 21.7 18.4 27.6
138 9.3 7.0 10.6

